APPENDIX C REVISED MITIGATION MONITORING AND REPORTING PROGRAM

UPDATED MITIGATION MONITORING AND REPORTING PROGRAM

This Mitigation Monitoring and Reporting Program (MMRP) was formulated based on the findings of the Final Environmental Impact Report (FEIR) 564 for the James A. Musick Facility (JAMF) expansion project. This MMRP has been updated with additional mitigation measures included in this Supplement to EIR 564, responses to comments, as well as updates to the previous mitigation measures in FEIR 564. The reason for changes to the previous mitigation measures is summarized in the "Remarks" column. This MMRP is also in compliance with Section 15097 of the CEQA Guidelines, which requires that the Lead Agency "adopt a program for monitoring or reporting on the revisions which it has required in the project and the measures it has imposed to mitigate or avoid significant environmental effects."

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Cond. No.	Mitigation Measure/Condition of Approval	Reporting Process	Monitoring Milestone	Responsible for Monitoring	Initials	Date	Remarks
1.	Prior to the issuance of construction bid documents for any permanent construction at the Musick Jail, the County shall cause to be prepared a final geotechnical report. This report shall be approved by the County's Planning and Development Services entity at that time as to content. Recommendations of the engineering geologist and soils engineer shall be incorporated into the project plans and specifications for the construction of the facility.	Design/plan check	Prior to issuance of construction bid documents	Director of Planning and Development Services			
2.	At the time that project grading and construction jobs are bid, the Director of Public Works Orange County Sheriff's Department Research and Development Director or designee shall ensure that project specifications require that contractors use low emission mobile construction equipment, where feasible.	Site inspection	At time of grading and construction bids	OCSD Research and Development Director or designee			
3.	At the time that project grading and construction jobs are bid, the Director of Public Works shall ensure that the project specifications require the contractors to comply with SCAQMD Rule 2202.	Site inspection	At time of grading and construction bids	Director of Public- Works			Rule 2202 is now voluntary.
4.	At the time that project grading and construction jobs are bid, the Director of Public Works Orange County Sheriff's Department Research and Development Director or designee shall ensure that project specifications require that contractors water the graded sites and that equipment is cleaned morning and evening.	Site inspection	At time of grading and construction bids	OCSD Research and Development Director or designee			
5.	At the time that project grading and construction jobs are bid, the Director of Public Works Orange County Sheriff's Department Research and Development Director or designee shall ensure that project specifications require that contractors wash off trucks leaving the site.	Site inspection	At time of grading and construction bids	OCSD Research and Development Director or designee			
6.	At the time that project grading and construction jobs are bid, the Director of Public Works Orange County Sheriff's Department Research and Development Director or designee shall ensure that project specifications require that contractors spread soil binders on graded sites, unpaved roads and parking areas.	Site inspection	At time of grading and construction bids	OCSD Research and Development Director or designee			
7.	At the time that project grading and construction jobs are bid, the Director of Public Works Orange County Sheriff's Department Research and Development Director or designee shall ensure that project specifications require that chemical soil stabilizers are applied by contractors according to manufacturer's specifications to all inactive construction areas (previously graded areas which remain inactive for 96 hours).	Site inspection	At time of grading and construction bids	OCSD Research and Development Director or designee			

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8.	At the time that project grading and construction jobs are bid, the Director of Public Works Orange County Sheriff's Department Research and Development Director or designee shall ensure that project specifications require that ground cover planting be established on the construction site by contractors through seeding and watering on portions of the site that will not be disturbed for lengthy periods (such as two months or more).	Site inspection	At time of grading and construction bids	OCSD Research and Development Director or designee			
9.	At the time that project grading and construction jobs are bid, the Director of Public Works Orange County Sheriff's Department Research and Development Director or designee shall ensure that project specifications require the contractor to sweep streets if silt is carried over to adjacent public thoroughfares. This measure prevent emissions rather than reduce emissions.	Site inspection	At time of grading and construction bids	OCSD Research and Development Director or designee			
10.	At the time that project grading and construction jobs are bid, the Director of Public Works Orange County Sheriff's Department Research and Development Director or designee shall ensure that project specifications require contractors to limit traffic speeds on all unpaved road surfaces to 15 miles per hour or less.	Site inspection	At time of grading and construction bids	OCSD Research and Development Director or designee			
11.	At the time that project grading and construction jobs are bid, the Director of Public Works Orange County Sheriff's Department Research and Development Director or designee shall ensure that project specifications require contractors to suspend grading operations during first and second stage smog alerts.	Site inspection	At time of grading and construction bids	OCSD Research and Development Director or designee			
12.	At the time that project grading and construction jobs are bid, the Director of Public Works Orange County Sheriff's Department Research and Development Director or designee shall ensure that project specifications require contractors to suspend all grading operations when wind speeds (as instantaneous gusts) exceed 25 miles per hour.	Site inspection	At time of grading and construction bids	OCSD Research and Development Director or designee			
13.	At the time that project grading and construction jobs are bid, the Director of Public Works Orange County Sheriff's Department Research and Development Director or designee shall ensure that project specifications require that contractors maintain construction equipment engines by keeping them tuned.	Site inspection	At time of grading and construction bids	OCSD Research and Development Director or designee			
14.	At the time that project grading and construction jobs are bid, the Director of Public Works shall ensure that project specifications require that contractors use low sulfur fuel for stationary construction equipment.	Site inspection	At time of construction bid documents	Director of Public- Works			All fuel in California is now

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							low-sulfur.
15.	At the time that project grading and construction jobs are bid, the Director of Public Works Orange County Sheriff's Department Research and Development Director or designee shall ensure that project specifications require that contractors provide on-site power sources during the early stages of the project to minimize or eliminate the use of portable generators.	Site inspection	At time of construction bid documents	OCSD Research and Development Director or designee			
16.	At the time that project grading and construction jobs are bid, the Director of Public Works Orange County Sheriff's Department Research and Development Director or designee shall ensure that project specifications require that contractors utilize existing power sources (e.g., power poles) or clean fuel generators rather than temporary power generators.	Site inspection	At time of construction bid documents	OCSD Research and Development Director or designee			
17.	At the time that project grading and construction jobs are bid, the Director of Public Works Orange County Sheriff's Department Research and Development Director or designee shall ensure that project specifications require contractors to use low emission on-site stationary equipment (e.g., clean fuels).	Site inspection	At time of construction bid documents	OCSD Research and Development Director or designee			
18.	At the time that project grading and construction jobs are bid, the Director of Public Works Orange County Sheriff's Department Research and Development Director or designee shall ensure that project specifications require contractors to configure construction parking to minimize traffic interference.	Site inspection	At time of construction bid documents	OCSD Research and Development Director or designee			
19.	At the time that project grading and construction jobs are bid, the Director of Public Works Orange County Sheriff's Department Research and Development Director or designee shall ensure that project specifications require contractors to minimize obstruction of through-traffic lanes.	Site inspection	At time of construction bid documents	OCSD Research and Development Director or designee			
20.	At the time that project grading and construction jobs are bid, the Director of Public Works Orange County Sheriff's Department Research and Development Director or designee shall ensure that project specifications require contractors to provide a flagperson to properly guide traffic and ensure safety at construction sites.	Site inspection	At time of construction bid documents	OCSD Research and Development Director or designee			
21.	At the time that project grading and construction jobs are bid, the Director of Public Works Orange County Sheriff's Department Research and Development Director or designee	Site inspection	At time of construction bid documents	OCSD Research and Development Director			

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	shall ensure that project specifications require contractors to schedule operations affecting traffic for off-peak hours, where feasible.			or designee			
22.	At the time that project grading and construction jobs are bid, the Director of Public Works Orange County Sheriff's Department Research and Development Director or designee shall ensure that project specifications require contractors to develop a traffic plan to minimize traffic flow interference from construction activities (the plan may include advance public notice of routing, use of public transportation and satellite parking areas with a shuttle service).	Site inspection	At time of construction bid documents	OCSD Research and Development Director or designee			
23.	At the time that final construction plans are developed, the Director of Public Works Orange County Sheriff's Department Research and Development Director or designee shall ensure that project specifications require bicycle lanes are provided on adjacent arterial highways; and that bicycle storage areas, bicycle amenities, and efficient parking management techniques are incorporated in the plans.	Construction plans	Final construction plans	OCSD Research and Development Director or designee			Alton Parkway was constructed with bike lanes.
24.	At the time that final construction plans are developed, the Director of Public Works shall ensure that project specifications provide dedicated turn lanes as appropriate.	Construction plans	Final construction plans	Director of Public- Works			Completed with Alton Parkway construction.
25.	At the time of occupancy of the first inmate housing complex, the Sheriff's Department shall establish a Transportation Management Association (TMA) or participate in the Spectrum TMA, to create incentives for employees to rideshare.	Sheriff	Occupancy of first-inmate complex	Sheriff			This was required as part of Regulation XV regarding ridesharing. The program is now voluntary.
26.	At the time that final construction plans are developed, the Director of Public Works shall ensure that project specifications require contractors to install energy efficient street-lighting.	Final construction plans	Final construction plans	Director of Public- Works			Street lighting has been

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1,00	Transmit Transmit of Committee of Tappe of the	1100000	Transporter	101 1/10/11/01/11/19	222222	Dutt	installed with
							the Alton
							Parkway
							construction.
27.	At the time that final construction plans are developed, the Director of Public Works shall	Final construction plans	Final construction plans	Director of Public			This
	ensure that project specifications require contractors to introduce window glazing, wall-			Works			mitigation
	insulation, and efficient ventilation.						measure has
							been
							replaced by
							new
							mitigation
							measure
							GCC-1.
28.	At the time any off-street parking lot or garage is opened for use, the Sheriff's Department	Sheriff	At time any off-street	Sheriff			This measure
	shall ensure that preferential parking spaces are provided to high occupancy vehicles.		parking garage is				is part of the
			opened				Regulation
							XV
							ridesharing
							program
							which is no
							longer a
							requirement.
29.	At the time that final construction plans for the Alton Parkway signalized entrance are	Director of Public	When final plans for	Director of Public			Once the
	prepared, the Director of Public Works Prior to final design, the Orange County Sheriff's	Works	signal at Alton/entrance	Works			Alton jail
	Department Research and Development Director or designee shall ensure that project		are prepared				entrance is
	specifications require that bus-turn aprons are located on each side of Alton Parkway and						operational,
	bus-shelters are provided. The County of Orange will cooperate with OCTA in designing						the shelters
	bus shelters for the jail which match as much as possible the bus shelters in Irvine						will be
	Spectrum. These efforts shall take place prior to the occupation of the first jail building,						added.
	and will be supervised by Environmental Management Agency or its successor agency.						

SUPPLEMENT TO EIR 564 MUSICK JAIL EXPANSION

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30.	Prior to commencement of grading, applicant shall submit for approval of the Manager, Development Services, a Water Quality Management Plan (WQMP) specifically identifying Best Management Practices (BMPs) that will be used on-site to control predictable pollutant runoff.	Grading plan	Prior to grading	Manager, Development Services			
	This WQMP shall identify the structural and non-structural measures specified in the Countywide NPDES Drainage Area Management Plan Appendix which details implementation of BMPs whenever they are applicable to a project, the assignment of long-term maintenance responsibilities, and shall reference the location(s) of structural BMPs. The SWPPP shall be prepared for construction activities and shall be consistent with Regional Water Quality Control Board NPDES Permit No. CAS618030.						
31.	Prior to the approval of construction bid documents for any permanent building at the Musick Jail, a landscape plan shall be prepared by a licensed landscape architect. While landscaping is to be installed in recognition of sound security practice, visual buffering shall be installed where not inconsistent with security practice.	Landscape plan	Construction bid documents	OCSD Research and Development Director or designee			
32.	All new buildings at the Musick Jail visible to the public off-site shall be constructed with the office-appearing facade. Individual buildings should be one single color with an overall neutral monochromatic color scheme for the site. Roof designs should be non-distinctive forms in neutral colors. Exterior mechanical equipment should be screened from offsite views, and equipment screening should be fully integrated into the architectural design of the building.	Construction documents	Prior to construction bid documents	OCSD Research and Development Director or designee			
33.	Prior to or concurrent with the construction of the first complex, a 12-foot block wall will be constructed along Alton Parkway inside the perimeter landscaping to conceal the "First Defense" fence. The design shall be reviewed by the Director, Planning and Development Services, and shall not interfere with the security of the facility.	Wall plan	Prior to construction of first complex	OCSD Research and Development Director or designee			

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33a.	Perimeter signs for the jail shall be fully limited to simple identification and regulatory and directional signage, all in accordance with a comprehensive sign program to be developed and approved by Environmental Management Agency or its successor agency prior to the occupation of the first jail building. County will provide the office of the Lake Forest City Manager with any proposed sign program a review of at least 30 days for the City to provide input on the proposed sign program prior to its implementation.	Sign program	Prior to occupancy of Phase 1	OCSD Research and Development Director or designee			
34.	At the time that project grading and construction jobs are bid, the Director of Public Works Orange County Sheriff's Department Research and Development Director or designee shall ensure that project specifications require contractors to comply with the County of Orange Noise Ordinances and standard conditions of approval. This will result in restricting the hours and days of construction per the local ordinance. The perimeter walls shall be fully integrated into the architectural design of the buildings and of the same or similar materials and color.	Site inspection	Grading and construction bid documents	OCSD Research and Development Director or designee			
35.	If any on-site public address systems, bells, or other audible signal systems are used in new buildings, they should be designed to be inaudible in the adjacent residential areas or prohibited. If any such devices are included in the project, the Director of Public Works Orange County Sheriff's Department Research and Development Director or designee shall ensure that project specifications require installation to comply with the requirements of Orange County Noise Ordinance, except for emergency warning devices.	Construction documents	Prior to construction bid documents	OCSD Research and Development Director or designee			
36.	At the time that project grading and construction jobs are bid, the Director of Public Works Orange County Sheriff's Department Research and Development Director or designee shall ensure that final plans require that ingress and egress should be taken only on arterial highways or industrial collector streets and should not utilize any residential streets. This includes service vehicles as well as all other jail traffic.	Construction documents	Prior to construction bid documents	OCSD Research and Development Director or designee			
37.	At the time that project construction jobs are bid, the Director of Public Works Orange County Sheriff's Department Research and Development Director or designee shall ensure that project specifications require contractors install mechanical equipment, including the Central Plant, to conform to the requirements of the Orange County Noise Ordinance.	Construction documents	Prior to issuance of construction bid documents	OCSD Research and Development Director or designee			

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38.	At the time of final construction plan development, the Director of Public Works Orange County Sheriff's Department Research and Development Director or designee shall ensure that plan specifications require that interior noise levels including noise sensitive interior areas (per the County of Orange General Plan Noise Element) shall comply with County standards.	Final construction plans	Prior to final construction plans	OCSD Research and Development Director or designee			
39.	Prior to establishing the Interim Care Facility at this site, the County of Orange Health Care Agency shall determine whether the noise environment is acceptable with the therapeutic mission undertaken at this facility.	Design plan	Prior to design plan	Director of OC/HCA			
40.	Prior to the construction of any portion of Alton Parkway affecting wetlands in Borrego Wash, the County of Orange shall enter into a Streambed Alteration Agreement with the California Department of Fish & Game and obtain any necessary federal authorization. This agreement will call for the compensation of wetland losses through off-site habitat creation or participation in a wetlands credit bank. If determined necessary by the Department of Fish and Game, the small vegetated area at southwest corner of the site will also be mitigated.	1603 Agreement	Prior to construction of Alton Parkway	Director of Planning- and Development- Services			Borrego Wash was realigned and permitted with the Alton Parkway construction. This no longer applies to the project.
41.	Prior to the issuance of construction bid documents for exterior electrical fixtures, the County Planning and Development Services Department shall ensure that lighting rays are confined to the areas surrounding buildings. To the extent possible, on-site perimeter lighting and parking lot parking structure lighting should be consistent in height, spacing, color and type of fixture.	Design/plan check	Prior to construction bid documents	OCSD Research and Development Director or designee			
42.	In connection with the adoption of zoning regulations for the Reuse Plan area, the County of Orange shall prohibit bail bondsmen and sexually oriented businesses from the "Open Space/Institutional" and "Education/Institutional" areas adjacent to the jail as shown on Figure 5-2 of the Reuse Plan EIR.	Zone change	Prior to adoption of zoning for reuse area	Director OC Public Works			

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42a.	To the extent permitted by California and constitutional law, medium and maximum security inmates shall make their court appearances from the facility using video appearances.	Court proceedings	Ongoing	Sheriff			
43.	If the City of Irvine or the City of Lake Forest finds that there is a potential for undesirable uses to establish in their cities as a result of the jail expansion, these cities can and should zone their territory to prohibit such uses. Note: Pursuant to CEQA Guidelines §15091(a)(2), this measure is within the	not applicable	not applicable	not applicable			
	responsibility and jurisdiction of another public agency, and not the County of Orange.						
43a.	Prior to the commencement of construction of any buildings shown for the site, the County of Orange shall record a restriction or other restrictive covenant against the 22± acre buffer area which prevents construction of any non-agriculturally related buildings, and preserves this area as a buffer.	Restriction	Prior to onset of construction	Director of Planning and Development Services			The County is no longer conducting agricultural operations and will not be preserving agricultural areas on the JAMF site.
44.	Prior to the commencement of grading for the project, the County of Orange shall give notice of proposed construction to the Federal Aviation Administration (FAA) pursuant to FAR Part 77. At that time, notice shall be given to any other agency which may have jurisdiction or review authority at that future time.	Part 77	Prior to grading	Director of Planning- and Development- Services			FAA restrictions no longer apply to the JAMF site.
44a.	The County of Orange shall insure that "walk-aways" from the Interim Care Facility, if established at this site, are promptly returned.	Walk-aways	Ongoing	Health Care Agency			

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44b.	Prior to the occupation of the first new jail building at the Musick Jail, the County shall	Sheriff's Station	Prior to opening of new	Director of Planning			The Sheriff's
	open to operation the Sheriff's Southeast Station at the site.		jail building	and Development			station is no
				Services			longer part of
							the first
							phase of the
							project.
44c.	Prior to the occupancy of the first jail building, the "First Defense" fence or equivalent	Fence plan	Prior to opening of new	OCSD Research and			
	shall be constructed to the extent necessary for that phase of project implementation.		jail building	Development Director			
				or designee			
45.	Prior to or concurrent with the occupancy of the first phase of the project, the Director of	Lane plan	Prior to opening of new	Director of Planning			45a has been
	Public Works shall cause to be constructed or installed:		jail building	and Development			completed
				Services			with the
	a. Two south-bound left-turn lanes and one west-bound right-turn lane at the intersection						construction
	of Alton Parkway and Irvine Blvd.						of Alton
	b. A traffic signal at the Alton Parkway project entrance to Complexes 1 and 2.						Parkway.
46.	Prior to or concurrent with the occupancy of the last phase of the project, the Director of	Lane plan	Prior to or concurrent	Director OC Public			46a has been
	Public Works shall negotiate agreements with the Cities of Irvine and Lake Forest, as		with last phase of	Works			completed
	applicable, to ensure that the County provides the project's pro rata share of the costs of the		project				with the
	following improvements:						construction
	Alte D. L. (T.) DL LC. (d. d.) L. d. L.						of Alton
	•						Parkway.
	C C						
	 a. Alton Parkway/Irvine Blvd: Convert the third northbound through lane to a shared lane/right-turn lane. b. Musick Dr./Irvine Blvd: Add a northbound right-turn lane. c. Bake Pkwy./Irvine Blvd: Add a northbound right-turn lane, and convert the third ind through lane to a shared through/right-turn lane. d. Bake Pkwy./Jeronimo: Provide an eastbound right-turn overlap signal phase. 						

Mit/ Cond. No.	Mitigation Measure/Condition of Approval	Monitoring and Reporting Process	Monitoring Milestone	Party Responsible for Monitoring	Verification of Initials Date	f Compliance Remarks
47.	Prior to commencement of any highway improvements required by mitigation measures herein which are located within or adjacent to City boundaries, the Director of Public-Works shall work with appropriate City agencies to ensure the operational feasibility or recommended mitigation measures.	City coordination	Prior to improvements	Director of Planning- and Development- Services		Coordination already occurred with the construction of Alton Parkway.
48.	Upon adoption of a Road Fee Program by the Board of Supervisors which includes the project site, the County shall pay the pro rata fee attributable to each project phase, or provide credits, prior to commencement of construction of the phase as required for the Musick Jail project under the Road Fee Program.	Road fee program	Prior to opening of new jail building	Director OC Public Works		
49.	Prior to or concurrent with the opening of the Alton Parkway entrance to employee and visitor access, the Director of Public Works shall ensure that project specifications require that contractors install bus aprons on the northerly and southerly sides of Alton Parkway in a manner meeting the requirements of the OCTA, and a sidewalk is constructed along the southerly side of Alton Parkway from Irvine Blvd. to the project entrance on Alton Parkway, and along the project entry drive to the visitor entrance.	Bus apron/sidewalk- plan	Prior to Alton access- opening	Director of Public- Works		Bus aprons were installed as part of the construction of Alton Parkway.
50.	Prior to or concurrent with occupancy of each project phase, the Sheriff's Department shall ensure that sufficient parking spaces to meet the peak hour demand forecasted for that phase. The following summarizes the peak hour parking spaces required for each complex as analyzed herein: Complex 1 and ancillary buildings: 580 off street parking spaces Sheriff's Station and ICF: 235 parking spaces Complex 2: 375 parking spaces Complex 3: 530 parking spaces	Parking plan	Prior to occupancy of each phase	Sheriff		Parking requirements have been updated based on updated staffing and shifts for JAMF. The number of parking spaces outlined in

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							this mitigation measure is no longer necessary.
50a.	No parking will be allowed on Alton Parkway. So long as the segment of Alton Parkway in the vicinity of the jail is under County jurisdiction, the Orange County Sheriff will enforce this measure.	No parking	Ongoing	Sheriff			
51.	Prior to commencement of any construction activities, the County of Orange shall coordinate with the Southern California Edison, Southern California Gas, Pacific Bell (or current provider), Irvine Ranch Water District, and Orange County Fire Authority regarding any construction activities to ensure existing facilities are protected and any necessary expansion or relocation is planned and scheduled in consultation with the appropriate public agencies.	Service agency coordination	Prior to commencement of constrution	OCSD Research and Development Director or designee			This measure was updated to reflect changes in the phone service provider.
51a.	Prior to the commencement of construction of any jail building, the "Agreement for Acquisition of Potable Water Service from Irvine Ranch Water District for James A. Musick Facility" must be amended or replaced. This agreement allows for capacity in IRWD facilities to enable delivery of 0.27 cubic feet per second (cfs) of domestic water. The expansion and increased demand will require the agreement either be amended or replaced by a new agreement to reflect the expansion of the site, including project phasing and the payment of appropriate "fair share" capacity charges. As the project becomes clarified in terms of expansion plans, contact IRWD so that the appropriate service agreement can be drafted. Plans will be submitted to the development services section of IRWD for review and approval as soon as they become available.	IRWD	Prior to construction	OCSD Research and Development Director or designee			
51b.	At the time of the review of the "Agreement for Acquisition of Potable Water Service" each water use will be evaluated and IRWD will determine whether it will furnish potable or nonpotable water for the designated purpose.	IRWD	Ongoing	OCSD Research and Development Director or designee			
51c.	Prior to the commencement of jail construction exceeding 2,850 inmates or that equivalent, an amendment of the "Agreement for Acquisition of Interim and Permanent	IRWD	Prior to exceeding 2,850 inmates	OCSD Research and Development Director			

Mit/	Mitigation Measure/Condition of Approval	Monitoring and		Party Responsible for Monitoring	Verification of Compliance				
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	Sewer Service" for the Musick facility shall be negotiated with IRWD, and shall outline the costs for the use of existing sewers, potential future sewer improvements, and treatment and disposal capacity.			or designee					
52.	Prior to the construction of any buildings on the Musick site, a further environmental site assessment shall be conducted to confirm the absence of agricultural chemicals in significant amounts, the absence of asbestos in buildings, and the absence of any environmental risks from the transformers.	Hazardous assessment	Prior to construction of any buildings	OCSD Research and Development Director or designee					
	New Mitigation Measures								
GCC-1	To the extent feasible, and to the satisfaction of the Orange County Sheriff's Department in consultation with the Orange County Public Works (OCPW) Project Manager, the following measures shall be incorporated into the design and construction of the project (including specific building projects):	Sustainable design.	Incorporated into final design plans.	OCSD Research and Development Director or designee					
	Construction and Building Materials Use locally produced and/or manufactured building materials for construction of the project;	Sustainable design.	le design. Incorporated into final design plans.	OCSD Research and Development Director or designee					
	Recycle/reuse demolished construction material; and								
	Use "Green Building Materials," such as those materials that are resource-efficient and recycled and manufactured in an environmentally friendly way, including low Volatile Organic Compound (VOC) materials.								
	Energy-Efficiency Measures	Sustainable design.	Incorporated into final	OCSD Research and					
	Design all project buildings to exceed California Building Code's Title 24 energy standard, including but not limited to any combination of the following:		design plans.	Development Director or designee					
	 Increase insulation such that heat transfer and thermal bridging is minimized; 								
	 Limit air leakage through the structure or within the heating and cooling distribution system to minimize energy consumption; and 								
	 Incorporate ENERGY STAR or better rated windows, space heating and cooling equipment, light fixtures, appliances or other applicable electrical 								

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	equipment. Design, construct and operate all newly constructed and renovated buildings and facilities as equivalent to "Leadership in Energy and Environmental Design (LEED)" certified buildings where feasible.					
	Develop an On-Site Renewable Energy System that consists of solar, wind, geothermal, biomass, and/or bio-gas strategies. This system should reduce grid-based energy purchases and provide at least 2.5 percent of the project energy cost from renewable energy. Such a strategy can include installation of photovoltaic panels, wind turbines, and solar and tankless hot water heaters;					
	Provide a landscape and development plan for the project that takes advantage of shade, prevailing winds, and landscaping;					
	Install efficient lighting and lighting control systems. Use daylight as an integral part of lighting systems in buildings;					
	Install light-colored "cool" roofs and cool pavements;					
	Install energy-efficient heating and cooling systems, appliances and equipment, and control systems; and					
	Install solar or light-emitting diodes (LEDs) for outdoor lighting.					
	Water Conservation and Efficiency Measures Devise a comprehensive water conservation strategy appropriate for the project and location. The strategy may include the following, plus other innovative measures that might be appropriate:	Sustainable design.	Incorporated into final design plans.	OCSD Research and Development Director or designee		
	 Create water-efficient landscapes within the development; Install water-efficient irrigation systems and devices, such as soil 					
	moisture-based irrigation controls; Use reclaimed water for landscape irrigation within the project. Install the infrastructure to deliver and use reclaimed water;					
	 Design buildings to be water-efficient. Install water-efficient fixtures and appliances, including low-flow faucets, dual-flush toilets and waterless 					

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No.	Mitigation Measure/Condition of Approval	Reporting Process	Milestone	for Monitoring	Initials	Date	Remarks
	urinals; and						
	 Restrict watering methods (e.g., prohibit systems that apply water to nonvegetated surfaces) and control runoff. 						
	Reuse and recycle construction and demolition waste (including but not limited to soil, vegetation, concrete, lumber, metal, and cardboard); Provide interior and exterior storage areas for recyclables and green waste and adequate recycling containers located in public areas; and Provide employee education about reducing waste and available recycling services.	Sustainable design.	Incorporated into final design plans.	OCSD Research and Development Director or designee			
Bio-1	Potential impacts to raptors and other nesting birds should be avoided by conducting a preconstruction survey and removing or trimming trees outside of the raptor nesting season (January 15–August 31). If construction is necessary during the raptor nesting period, a survey for active nests should be conducted by a qualified biologist. If an active nest is observed within the vicinity, a buffer of 150 ft from the nest will need to be delineated to ensure that no direct impacts will occur to nesting raptors. The buffer will be delineated by roping the boundaries of construction and shall remain in place until the nest is either abandoned or the young have fledged.	Construction scheduling.	Construction during nesting season (January 15–August 31)	OCSD Research and Development Director or designee			
SC-1	Prior to the initiation of any clearing, grubbing or grading activities, the Contractor shall provide written evidence to the Manager, Permit Services, that a County-certified archaeologist has been retained to observe grading activities and salvage, and catalogue archaeological resources as necessary. The archaeologist shall be present at the pre-grade conference, shall establish procedures for archaeological resource surveillance, and shall establish, in cooperation with the applicant, procedures for temporarily halting or redirecting work to permit the sampling, identification, and evaluation of the artifacts as appropriate. If the archaeological resources are found to be significant, the archaeological observer shall determine appropriate actions, in cooperation with the project applicant, for exploration and/or salvage. Prior to the release of the grading bond the construction/contract manager shall obtain approval of the archaeologist's follow-up report from the Manager, Permit Services. The	Grading plans	Grading activities	OCSD Research and Development Director or designee			

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	report shall include the period of inspection, an analysis of any artifacts found and the present repository of the artifacts. The archaeologist shall prepare excavated material to the point of identification. Applicant shall offer excavated finds for curatorial purposes to the County of Orange, or its designee, on a first refusal basis. These actions, as well as final mitigation and disposition of the resources, shall be subject to the approval of the Manager, Permit Services. The Orange County Sheriff's Department shall pay curatorial fees if an applicable fee program has been adopted by the Board of Supervisors, and such fee program is in effect at the time of presentation of the materials to the County of Orange or its designee, all in a manner meeting the approval of the Manager, Permit Services.								
SC-1	Prior to the initiation of any clearing, grubbing or grading excavation activities, the Contractor shall provide written evidence to the Manager, Permit Services, that Construction/Contract Manager has retained a County certified paleontologist to observe grading activities and salvage and catalogue fossils as necessary. The paleontologist shall be present at the pre-grade conference, shall establish procedures for paleontological resource surveillance, and shall establish, in cooperation with the applicant, procedures for temporarily halting or redirecting work to permit sampling, identification, and evaluation of the fossils. If the paleontological resources are found to be significant, the paleontologist shall determine appropriate actions, in cooperation with the applicant, to ensure proper exploration and/or salvage.	Grading plans	Excavations activities	OCSD Research and Development Director or designee					
	Prior to the release of the grading bond the applicant shall submit the paleontologist's follow up report for approval by the Manager, Permit Services. The report shall include the period of inspection, a catalogue and analysis of the fossils found, and the present repository of the fossils. The Construction/Contract Manager shall or shall have prepared the excavated material to the point of identification, and offer excavated finds for curatorial purposes to the County of Orange, or its designee, on a first refusal basis. These actions, as well as final mitigation and disposition of the resources, shall be subject to approval by Manager, Permit Services. The Orange County Sheriff's Department shall pay curatorial fees if an applicable fee program has been adopted by the Board of Supervisors, and such fee program is in effect at the time of presentation of the materials to the County of Orange or its designee, all in a manner meeting the approval of the Manager, Permit Services.								

Mit/		Monitoring and		Party	Verification of C		Compliance
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SC-3	In accordance with California Health and Safety Code, Section 7050.5, if human remains	Ceasing grading and	Human remains	OCSD Research and			
	are found, no further excavation or disturbance of the site or any nearby area reasonably	contacting the County	discovery	Development Director			
	suspected to overlie adjacent remains shall occur until the County Coroner has determined	Coroner		or designee			
	the appropriate treatment and disposition of the human remains. The County Coroner shall						
	make such determination within two working days of notification of discovery. The						
	County Coroner shall be notified within 24 hours of the discovery. If the County Coroner						
	determines that the remains are or believed to be Native American, the County Coroner						
	shall notify the Native American Heritage Commission in Sacramento within 24 hours. In						
	accordance with California Public Resources Code, Section 5097.98, the Native American						
	Heritage Commission must immediately notify those persons it believes to be the most						
	likely descended from the deceased Native American. The descendents shall complete						
	their inspection within 24 hours of notification. The designated Native American						
	representative would then determine, in consultation with the property owner, the						
	disposition of the human remains.						
	It should be noted that although mitigation measures LF-1 and LF-8 are called mitigation						
	measures and appear in the mitigation monitoring program, they do not correspond to an						
	identified significant impact on any environmental resource or parameter, but instead are						
	included as mitigation measures pursuant only to the Orange County Sheriff-Coroner						
	Department's cooperative efforts with the City of Lake Forest.						
LF-1	As funding becomes available and as the need for new jail beds arise, the County will	Ongoing discussion	Inmate population at	Sheriff			
	proceed with the proposed Phase 1 expansion plans and beyond those plans until the total	with the City of Lake	Musick approaching				
	inmate population is 3,100 including all county, state, and federal inmates/detainees (in	Forest	3,100				
	non-emergency situations) at JAMF. The County shall not increase the inmate population						
	to exceed 3,100 unless required to do so by: (1) an affirmative demonstration by the						
	Sheriff of a need for additional jail capacity at JAMF as defined below; or (2) express						
	mandate of the State of California; or (3) express mandate of the federal government.						
	The Sheriff's affirmative demonstration of the need for additional jail capacity must be						
	based on a study utilizing then considered best practice methodology and research						
	techniques for such purposes. At minimum, the study must utilize quantifiable data based						
	on multiple variables possibly including, but not necessarily limited to, current and						
	historical inmate population and profile, recidivism rate, crime and arrest trends, inventory						

Mit/		Monitoring and		Party	Verification of Compliance			
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	and analysis of current detention facilities, and other relevant metrics. The County will seek input from the City of Lake Forest during preparation of the study, and will provide the office of the Lake Forest City Manager a draft of the study for review (1) at least 30 days prior to any public release of the study, and/or (2) at least 30 days prior to any County determination based on the study.							
	If the study adequately demonstrates project need and the Sheriff elects to pursue jail expansion that exceeds an inmate population of 3,100, the Board of Supervisors must first approve all appropriate environmental review documentation. Further, any proposed expansion beyond the proposed build-out of 3,100 beds will also require review under CEQA and preparation of such further environmental documentation as may be required, and an approved project budget by the Board of Supervisors. The County agrees to notify the office of the City Manager of Lake Forest at least 60 days prior to taking environmental review documentation to the Board for building new jail beds at Musick.							
	The Sheriff agrees that it is in the best interest of both agencies to meet regularly for the purpose of sharing information and to inform City staff of project status and key developments. Staff from the County and the City of Lake Forest will meet annually in January to develop a meeting schedule for the upcoming year. The City of Lake Forest reserves the ability to initiate more frequent contact as needed.							
LF-2	Except during unusual circumstances (such as civil unrest, natural disaster, terrorist event, jail riots, jail facility failures, or other events of similar magnitude) the Sheriff will not house Level 3-High Security or Level 4-Administrative Segregation Inmates at the Musick Facility. Level 3 and Level 4 inmates can be described as having the greatest risk of escape, the greatest potential for inmate on inmate violence, the greatest potential for inmate on staff violence, and/or the greatest potential to injure themselves. Any inmates that are booked into or transported to Musick and later determined to be Level 3-High Security or Level 4-Administrative Segregation will be relocated to a different jail facility as soon as practical, but not later than one week following the determination. If arraignments are being conducted at Musick, Level 3 and Level 4 inmates will be transferred to other facilities not later than one week after they are arraigned. Additionally, the goal of the Sheriff is to avoid housing any Protective Custody inmates at	Ongoing discussion with the City of Lake Forest	Jail operation and management	Sheriff				
	Additionally, the goal of the Sheriff is to avoid housing any Protective Custody inmates at Musick. Protective Custody inmates can be described as inmates who might be a target for							

Updated Mitigation Monitoring Program and Reporting Checklist James A. Musick Jail

Mit/		Monitoring and		Party	Verification of Compliance			
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	violence from other inmates and need to be separated for their own safety. However, in the event that the Sheriff determines circumstances demand housing Protective Custody inmates at Musick, the Sheriff will:							
	Notify the office of the City Manager of Lake Forest in advance or as soon as practicable following the determination to house a Protective Custody inmate at Musick, and							
	House only those Protective Custody inmates at Musick who would otherwise be classified as Level 1-Minimum Security and Level 2-Medium Security inmates, if not for the need to separate the inmate for his or her own safety.							
	If the Sheriff determines there is a need to change any aspect of the inmate classification policies for housing at the Musick facility as described above, the Sheriff shall solicit input from the office of the City Manager of Lake Forest.							
LF-3	Maximum building heights will be no higher than 50 feet above grade as measured from its lowest point (excluding building equipment and elevator shafts). For the purpose of measuring 50 feet from a building's lowest point, every individual housing unit is considered a separate building, even if it is connected to another building. Each two-story housing unit is a separate building for the purpose of this height limitation.	Ongoing discussion with the City of Lake Forest	Jail operation and management	Sheriff			Added as part of RTC to DSEIR.	
LF-4	There will be no public access to the Musick Jail Facility from Bake Parkway. Access to and from the Musick jail facility from Bake Parkway is limited to emergencies, unusual facility maintenance activities, and other rare occasions. Access to the ICF and other planned facilities as part of the Revised Master Plan is allowed.	Ongoing discussion with the City of Lake Forest	Jail operation and management	Sheriff			Added as part of RTC to DSEIR.	
LF-5	Upon completion of the first new inmate housing unit, security during visiting hours outside the buildings but within the Musick boundaries will include cameras and other security measures as deemed necessary by the Sheriff.	Ongoing discussion with the City of Lake Forest	Jail operation and management	Sheriff			Added as part of RTC to DSEIR.	
LF-6	The County will provide the office of the Lake Forest City Manager with 30 days advance notice of any proposal to finance or convey (by sale, lease, assignment or otherwise) any portion of the Musick property for the purpose of increasing the number of jail beds to house prisoners/inmates/detainees, including, but not limited to, continued operation of any portion of the property for use as a jail, detention facility, rehabilitation facility or	Ongoing discussion with the City of Lake Forest	Jail operation and management	Sheriff			Added as part of RTC to DSEIR.	

SUPPLEMENT TO EIR 564 MUSICK JAIL EXPANSION

Mit/		Monitoring and		Party	Verific	ation of	Compliance
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	other use involving the housing of prisoners/inmates/detainees by the State of California and/or federal government. The County further agrees to perform a thorough initial study under CEQA and such further environmental documentation as may be required for any such proposal.						
LF-7	Sheriff will provide regular reports on the system population, development of sites, etc. at the Musick facility to office of the City Manager of Lake Forest. These reports shall be provided on a periodic basis, at least quarterly, or more frequently as may be appropriate.	Ongoing discussion with the City of Lake Forest	Jail operation and management	Sheriff			Added as part of RTC to DSEIR.
LF-8	Inmates shall be housed in dormitory style facilities (current design concept utilizes a-bed mini-dorms within the housing units) with a limited number of single bed cells and multiple bed cells for protective custody, administrative segregation, or similar purposes. The number of single/multiple bed cells (cells) will be distributed throughout the housing modules; 4 cells in each 64 bed area or 16 cells per 256 bed housing unit. An appropriate number of cells will be identified during design to support the receiving area of the Musick jail.	Ongoing discussion with the City of Lake Forest	Jail operation and management	Sheriff			Added as part of RTC to DSEIR.